

safety. (J62250412-A)

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Title Terms: CONTACT ; LENS ; EYE; COMPRISE; MIXTURE; N; ACYL; CHITOSAN
; COLLAGEN

Derwent Class: A96; D22

International Patent Class (Additional): C08H-001/00; G21C-007/04

File Segment: CPI

Manual Codes (CPI/A-N): A03-C01; A07-A01; A10-E09; A10-E17; A12-V02A;
D09-C01A

Plasdoc Codes (KS): 0218 3000 0231 1986 1989 2000 2008 2020 2672 2765 3310

Polymer Fragment Codes (PF):

001 014 04- 040 11& 231 24& 244 256 259 43& 473 525 57& 645 649 722

3/9/12

DIALOG(R)File 351:DERWENT WPI

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008125293

WPI Acc No: 90-012294/199002

XRAM Acc No: C90-005340

XRPX Acc No: N90-009277

Cleaning agent for contact lens - contains spherical fine particles
of hydrophilic high polymer

Patent Assignee: DAICEL CHEM IND LTD (DAIL)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 1293314 A	A	19891127	JP 88123174	A	19880520		199002 B

Priority Applications (No Type Date): JP 88123174 A 19880520

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 1293314	A		2			

Abstract (Basic): JP.1293314 A

The cleaning agent contg. the spherical particles is pref. aq.
soln. of surfactant such as higher alcohol sulphuric acid ester salt,
alkyl ether sulphate, sec. higher alcohol ethoxysulphate,
polyoxyethylene sorbitan fatty acid ester, etc. The concn. of the
surfactant is 30-90%, pref. 50-70%. Spherical fine particles of
hydrophilic high polymer is fine particles of 1-200 micron., pref. 5-50
micron., in particle size and 0.01-0.5 in the specific gravity of
polyvinyl alcohol, cellulose, chitin, chitosan, dextran, etc., pref.
cellulose. The amt. of the fine particles added in the cleaning agent
is 5-90 vol. %, pref. 10-50 vol. %. A stained contact lens is

applied with the cleaning agent and rubbed by fingers, and washed with city water or isotonic NaCl aq. soln.

USE/ADVANTAGE - The cleaning agent is useful for cleaning stained contact lens. Contact lens stained with eye-wax, etc., can be satisfactorily cleaned without forming flaws of the lens by the use of the cleaning agent.

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Title Terms: CLEAN; AGENT; CONTACT ; LENS ; CONTAIN; SPHERE; FINE; PARTICLE; HYDROPHILIC; HIGH; POLYMER

Derwent Class: A96; D22; P81

International Patent Class (Additional): C11D-017/00; G02C-013/00

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A12-S09; A12-V02A; A12-V03C1; A12-W12B; D09-C01A; D11-D01C

Plasdoc Codes (KS): 0013 0231 1279 1588 1982 1989 1999 2002 2007 2008 2014 2318 2509 2541 3250 2646 2651 2701 2765 2769 3310

Polymer Fragment Codes (PF):

001 014 028 04- 147 198 231 239 240 244 245 252 253 259 31- 316 336 393 398 43& 52& 532 533 535 57& 57- 575 581 592 593 603 645 649 678 688 720 722

Derwent Registry Numbers: 1740-U

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DIALOG(R)File 351:DERWENT WPI

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007838252

WPI Acc No: 89-103364/198914

XRAM Acc No: C89-045625

XRPX Acc No: N89-078735

Cationic polymer soln. for contact lens - where polymer is polysaccharide or polyvinyl polymer or graft copolymer of the two

Patent Assignee: TOME SANGYO KK (TOME-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 1050014	A	19890227	JP 87207289	A	19870820		198914 B

Priority Applications (No Type Date): JP 87207289 A 19870820

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 1050014	A		7			

Abstract (Basic): JP 1050014 A

The polymer is (a) cationic deriv of polysaccharides, (b) cationic